

Converting Colors

CIELCh(71, 35.204, 212.434)

Have a look what the booklet for
CIELCh(71, 35.204, 212.434)
contains.

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Color

CIELCh(71, 35.145, 212.472)

Conversions

Conversions Part 1

Format	Color
Hex	38BECF
RGB	56, 190, 207
RGB Percent	22%, 75%, 81%
CMY	0.7802, 0.2548, 0.1881
CMYK	0.73, 0.08, 0.00, 0.19
HSL	187°, 61%, 52%
HSV	187°, 73%, 81%
XYZ	31.3189, 42.1875, 65.5419
YIQ	151.8720, -85.3210, -23.1210

Conversions

Conversions Part 2

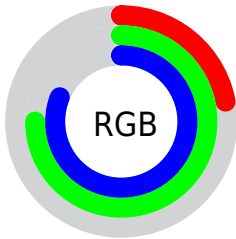
Format	Color
RYB	56, 127, 207
Decimal	3718863
CIELab	71.00, -29.65, -18.87
CIELCh	71, 35.145, 212.472
Yxy	42.1875, 0.2252, 0.3034
Android (android.graphics.Color)	4281908943 (0xFF38BECF)
YUV	151.8720, 27.1781, -84.0797
Hunter-Lab	64.9519, -27.5957, -14.3623

Details

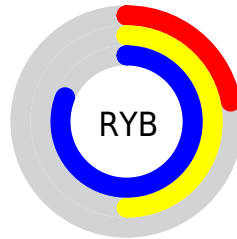
The CIELCh color **71, 35.145, 212.472** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **50, 64.685, 36.528**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 35.367, 204.066**, and **52, 30.278, 216.122** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.768, 213.817**, and if you desaturate by 10%, it is **72, 32.638, 211.455**.

Distribution



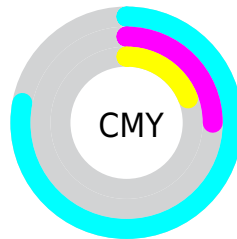
- Red (22%)
- Green (75%)
- Blue (81%)



- Red (22%)
- Yellow (50%)
- Blue (81%)



- Cyan (73%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)





- Cyan (78%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 35.145, 212.472 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 71, 35.145, 212.472 by changing the saturation by 10% instead.


 71, 35.145,
212.472


 71, 35.145,
212.472


 100, 35.145,
212.472


 61, 35.145,
212.472


 91, 35.145,
212.472

 51, 35.145,
212.472

 41, 35.145,
212.472

 31, 35.145,
212.472

 21, 35.145,
212.472

 11, 35.145,
212.472

 1, 35.145, 212.472

0, 35.145, 212.472

71, 35.145,
212.472

71, 35.145,
212.472

70, 36.768,
213.817

72, 32.638,
211.455

69, 37.570,
215.533

74, 29.256,
210.722

69, 37.794,
216.932

75, 25.052,
210.229

77, 20.114,
209.935

78, 14.548,
209.805

80, 8.463, 209.821

■ 83, 1.965, 210.133

■ 85, 4.852, 29.893

■ 87, 11.905, 30.191

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71, 35.145, 212.472



50, 64.685, 36.528

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 35.145, 212.472



71, 35.145, 262.472



71, 35.145, 32.472



71, 35.145, 82.472

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71, 35.144, 212.471



95, 16.572, 209.802



74, 84.859, 140.028



50, 11.028, 209.820



0, 0.000, 0.000



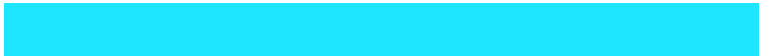
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 35.144, 212.471



84, 43.705, 214.825



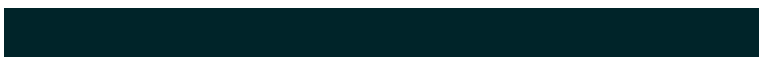
49, 53.734, 282.195



43, 3.782, 209.866



57, 32.429, 216.596



12, 12.603, 212.232

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52, 81.349, 331.881



60, 103.825, 332.741



65, 56.660, 75.177



41, 7.121, 328.178



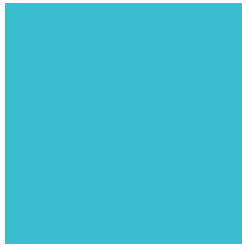
39, 77.553, 333.251



5, 28.537, 331.836

Previews

White Background



This preview shows how the CIELCh color 71, 35.145, 212.472 looks on a white background.

Color Contrast Check

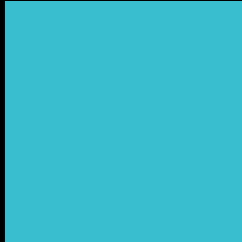
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 35.145, 212.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

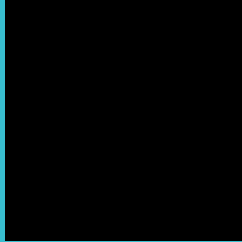
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 35.145, 212.472

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.145, 212.472.

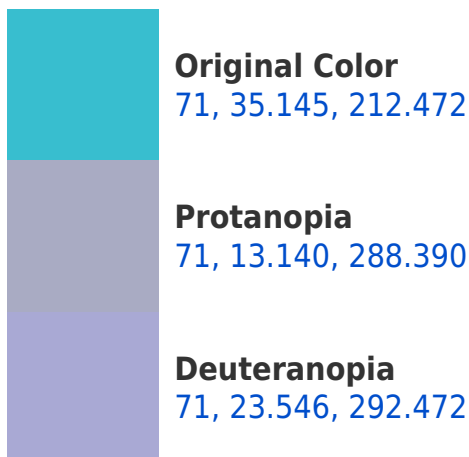


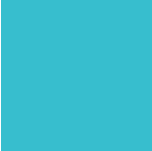
This preview shows how white text looks on a background with the CIELCh color 71, 35.145, 212.472.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
71, 35.259, 211.466

Trichromacy



Original Color
71, 35.145, 212.472



Protanomaly
70, 19.518, 234.749



Deuteranomaly
70, 23.217, 250.169



Tritanomaly
71, 35.259, 211.466

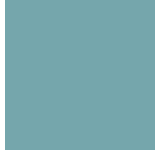
Monochromacy



Original Color
71, 35.145, 212.472



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 16.942, 209.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.145, 212.472 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(56, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(56, 190, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(56, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 190, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.145, 212.472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 190, 207) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(56, 190, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(56, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(56, 190,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.145, 212.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 190, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(56, 190,  
207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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